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PTO/SB/05 (11-00)

Valid for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

Attorney Docket No.

032077.0002.UTL

First Inventor

Daniel P. Gold, et al.

Title

Method and Composition for Altering a T Cell
Mediated Pathology

Only for new nonprovisional applications under 37 CFR 1.53(b)

Express Mail Label No.

EL675946010US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification
(preferred arrangement set forth below) [Total Pages **79**]
- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table,
or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **37**]
5. Oath or Declaration [Total Pages
a. ☐ Newly executed (original or copy)
b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in
the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table on
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
a. ☐ Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. ☐ CD-ROM or CD-R (2 copies); or
ii. ☐ paper
c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☒ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☐ Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____/_____

Prior application information:

Examiner _____

Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label **23865** or ☒ Correspondence address below
(Insert Customer No. or Attach bar code label here)

| | | | | | |
|---------|---------------------------------|-----------|--------------|----------|--------------|
| Name | Jeffrey W. Guise | | | | |
| Address | Brobeck, Phleger & Harrison LLP | | | | |
| | 12390 El Camino Real | | | | |
| City | San Diego | State | CA | Zip Code | 92130-2081 |
| Country | USA | Telephone | 858/720-2500 | Fax | 858/720-2555 |

| | | | |
|-------------------|------------------|-----------------------------------|---------|
| Name (Print/Type) | Jeffrey W. Guise | Registration No. (Attorney/Agent) | 34,613 |
| Signature | | Date | 8/10/01 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$1,003.00

Complete if Known

| | |
|----------------------|-----------------|
| Application Number | To be assigned |
| Filing Date | Herewith |
| First Named Inventor | Daniel P. Gold |
| Examiner Name | To be assigned |
| Group Art Unit | To be assigned |
| Attorney Docket No. | 032077.0002.UTL |

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated

Deposit
Account
Number

50-1273

Deposit
Account
Name

Brobeck, Phleger & Harrison LLP

- ☒ Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17
☒ Applicant claims small entity status. See
37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description | Fee Paid |
|--------------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------|-----------|
| 101 | 710 | 201 | 355 | Utility filing fee | 355.00 |
| 106 | 320 | 206 | 160 | Design filing fee | |
| 107 | 490 | 207 | 245 | Plant filing fee | |
| 108 | 710 | 208 | 355 | Reissue filing fee | |
| 114 | 150 | 214 | 75 | Provisional filing fee | |
| SUBTOTAL (1) | | | | | (\$355.00 |

2. EXTRA CLAIM FEES

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 77 | -20** = 57 | X 9.00 = | 513.00 |
| Independent Claims | -3** = 0 | X | |
| Multiple Dependent | | 135.00 | 135.00 |

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description |
|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--|
| 103 | 18 | 203 | 9 | Claims in excess of 20 |
| 102 | 80 | 202 | 40 | Independent claims in excess of 3 |
| 104 | 270 | 204 | 135 | Multiple dependent claim, if not paid |
| 109 | 80 | 209 | 40 | ** Reissue independent claims over original patent |
| 110 | 18 | 210 | 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$648.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description | Fee Paid |
|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--|----------|
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for ex parte reexamination | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 116 | 390 | 216 | 195 | Extension for reply within second month | |
| 117 | 890 | 217 | 445 | Extension for reply within third month | |
| 118 | 1,390 | 218 | 695 | Extension for reply within fourth month | |
| 128 | 1,890 | 228 | 945 | Extension for reply within fifth month | |
| 119 | 310 | 219 | 155 | Notice of Appeal | |
| 120 | 310 | 220 | 155 | Filing a brief in support of an appeal | |
| 121 | 270 | 221 | 135 | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 141 | 1,240 | 241 | 620 | Petition to revive - unintentional | |
| 142 | 1,240 | 242 | 620 | Utility issue fee (or reissue) | |
| 143 | 440 | 243 | 220 | Design issue fee | |
| 144 | 600 | 244 | 300 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 | Processing fee under 37 CFR 1.17(q) | |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | |
| 146 | 710 | 246 | 355 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 | 710 | 249 | 355 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 | 710 | 279 | 355 | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | |

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

Complete (if applicable)

| | | | | | |
|-------------------|------------------|-----------------------------------|-----------------|-----------|----------------|
| Name (Print/Type) | Jeffrey W. Guise | Registration No. (Attorney/Agent) | 34,613 | Telephone | (858) 720-2500 |
| Signature | | Date | August 10, 2001 | | |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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UTILITY APPLICATION

UNDER 37 CFR § 1.53(B)

TITLE: METHOD AND COMPOSITION FOR ALTERING A T CELL
MEDIATED PATHOLOGY

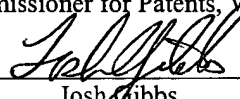
APPLICANT(S): GOLD, DANIEL P.; SHOPES, ROBERT J.

Correspondence Enclosed:

Utility Application Transmittal Sheet and FY 2001 Fee Transmittal
Sheet (2pgs); Specification (69pgs); Claims (9pgs); Drawings Figures
1-9 (31pgs); Abstract (1pg); Grant of Power of Attorney (2pgs);
Return Postcard; and Check in the amount of \$1,003.00.

PRIORITY DATA: Under U.S.C. 119(e)(1) this application claims the benefit of U.S.
Provisional Patent Application Serial 60/266,133, filed February 1,
2001; U.S. Provisional Patent Application Serial 60/224,723, filed
August 11, 2000; U.S. Provisional Patent Application Serial
60/224,722, filed August 11, 2000.

"EXPRESS MAIL" Mailing Label Number EL675946010US Date of Deposit August 10, 2001 I
hereby certify under 37 CFR § 1.10 that this correspondence is being deposited with the United
States Postal Service as "Express Mail Post Office to Addressee" with sufficient postage on the
date indicated above and is addressed to the Commissioner for Patents, Washington, D.C. 20231.


Josh Gibbs

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